

# VT6200 Sealed Lead-Acid BATTERY



## ■ Specification

NOMINAL VOLTAGE (공칭전압)		6V		<b>TERMINAL (단자)</b> 
NOMINAL CAPACITY (공칭용량)		200 Ah/10HR		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	228	(8.97 inches)	
	WIDTH (폭) ± 2 mm	223	(8.77 inches)	
	HEIGHT (높이) ± 2 mm	306	(12.04 inches)	
	TOTAL HEIGHT(총높이) ± 3 mm	169	(6.63 inches)	
WEIGHT APPROX. (중량)		28 Kg		
HOUSING MATERIAL (전조재질)		ABS RESIN		
TYPE OF ELECTROLYTE (전해액형태)		Starved TYPE (함침식)		

## ■ Characteristics

CAPACITY (방전용량) 25 °C (77 °F)	10 HR. 20A DCHG. 10 시간을 20A 방전 CUT-OFF 5.25V	200 Ah			
	5 HR. 32A DCHG. 5 시간을 32A 방전 CUT-OFF 5.25V	160 Ah			
	3 HR. 53.6A DCHG. 3 시간을 53.6A 방전 CUT-OFF 5.25V	160.8 Ah			
	1 HR. 120A DCHG. 1 시간을 120A 방전 CUT-OFF 4.80V	122 Ah			
INTERNAL RESISTANCE (내부저항) FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)		APPROX. 1.0 mΩ			
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	105% (5HR. DCHG. 102 Ah)			
	25 °C (77 °F)	100% (5HR. DCHG. 100 Ah)			
	0 °C (32 °F)	85% (5HR. DCHG. 85 Ah)			
	-15 °C (-5 °F)	60% (5HR. DCHG. 65 Ah)			
SELF-DISCHARGE (자기방전) 25 °C (77 °F), REMAINING CAPACITY %	1 MONTH (1개월)	97%	6 MONTH (6개월)	82%	
	3 MONTH (3개월)	91%	12 MONTH (1년)	64%	
MAX. DCHG. CURRENT (최대방전전류) 25 °C (77 °F)		1360A (최대방전전류)			
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 2.35V~2.40V/CELL, 25 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 40A (최대충전제한전류 40A 이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 2.25V~2.30V/CELL, 25 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 20A (최대충전제한전류 20A 이하)		
OPERATING TEMP. RANGE (사용온도)		CHRG.(충전) -20~40 °C(4~104°F)	DCHG.(방전) -40~60 °C(-40~142°F)		
LIFE EXPECTANCY (수명)	CYCLE (사이클)	100% DCHG. (100%방전사용)	400 CYCLES (400회)		
		50% DCHG. (50%방전사용)	1000 CYCLES (1000회)		
		30% DCHG. (30%방전사용)	1500 CYCLES (1500회)		
	FLOAT (부동)	4~6 YEARS (4~6년)			

Performance after prolonged float of fully charged cells available current at 20 ±5 °C

F.V	5 Min.	10 Min.	15 Min.	30 Min.	1 Hr.	3 Hr.	5 Hr.	10 Hr.	20 Hr.
4.80	785	491	382	251	131	56	38.2	20.62	11.26
5.10	719	481	351	238	123	55	37.5	20.26	10.99
5.25	667	460	327	231	119	54	37.3	20.06	10.90
5.40	607	440	305	220	115	53	35.4	19.53	10.63
5.55	525	414	283	205	111	50	33.9	19.08	10.36

DIMENSIONS (치수)

